

REMARKS/ARGUMENTS

The application comprises originally filed claims 1-28.

Claims 1, 4, 6 and 10-14 were rejected under the judicially created doctrine of obviousness type double patenting over applicants earlier issued patent US 6,727,652. The '652 patent corresponds to GB 2370346 discussed and distinguished over in the first paragraph of the present application. Said rejection is respectfully traversed as the invention claimed therein is patentably distinct and the presently claimed invention is not obvious in light thereof. The claims in the '652 patent are directed to a lamp assembly for use with a lamp holder for receiving the base portion of the bulb wherein the terminals 11a on the bulb are soldered to conduits (pathways) on only one side of the board 10 as best shown in Figure 1 and 1a of the '652 patent and no disclosure or suggestion for attachment to a doublesided board is made. The present application is directed to a bulb or LED assembly where the terminals on the bulb are attached to conduits on opposite sides of the board by positioning the LED so it straddles the board, as best shown in Fig 2c of the application, the lamp being disposed at the end of the board so it attaches to conduits on both sides of the board rather then along one side of the board as set forth in the cited reference. This arrangement is particularly suitable for push button assemblies where it is desirable to align the components and eliminates the need to specifically form or bend the terminals on the bulb, as would be required to adapt the lamp assembly of the '652 patent to provide the desired attachment of the lamp terminals to conduits on a double sided board. It is submitted that claim 1 is not obvious based on claim 1 of the '652 patent and therefore claims 4, 6 and 10-14 dependent thereon are also not obvious in light of claim 1 of the '652 patent or any of claims 15, 3, 4, 12, 14 or 7, respectively, of that patent, all dependent on said claim 1.

Claims 18, 21 and 22 were rejected under 35 USC §102(b) as being anticipated by Chliwnyj et al (US Patent 5,924,784) in that the '784 patent shows a lamp assembly including a circuit board having conductive pathways and lamps in the form of diodes on both sides of the board, and LED lamps connected to the board by terminal wires.

US 5,924,784 discloses a microprocessor flame simulating apparatus wherein independently controlled lighting devices, i.e., LEDs, are attached to a circuit board, each of which can be lit in turn to create a flame effect. The board has pathways which terminate at an end region for conductive connection to contacts within a lamp holder. Each lamp is

connected to a different pathway for independent control. However, there are only two conductive portions on the end region of the board and therefore, all LEDs are ultimately connected to both conductive portions.

Control of the independent lamps in US 5,924,784 is managed by drivers associated with each lamp, which receive signals from a microprocessor.

The citation does not disclose the feature whereby the lamps are connected to different combinations of pathways each of which leads to a different combination of conductive portions.

In the present invention, the purpose of different combinations of pathways leading to different combinations of conductive portions is to allow independent control of each lamp using selective application of negative electricity supply.

Accordingly, the '784 patent does not show or suggest "an assembly having a plurality of said lamps arranged for operation independently of each other, (emphasis added) wherein the lamps are connected to different combinations of said pathways leading to the different combinations of said conductive portions".

The present invention is therefore not anticipated by US 5,924,784.

It is noted that claims 2, 3, 5, 7-9, 15-17, 19, 20, and 23-28 were found to be allowable but were rejected as dependent on rejected claims, namely claims 1 and 18.

Claims 1-28 remain in the application. It is respectfully submitted that claims 1, 4, 6 and 10-14 are not obvious in light of applicant's earlier patent, US 6,727,652, and claims 18, 21 and 22 are not anticipated by Chliwnyj et al. (US Patent 5,924,784). No claims have been added or cancelled by this amendment and none of the claims have been amended. It is respectfully submitted that the claims as originally filed are patentable, fully supported by the Specification and not shown by the prior art or applicants earlier patent. It is requested that all of the pending claims be found to be patentable and a Notice of Allowance be issued.

Respectfully submitted,

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